

METHODS AND APPARATUS FOR OPTIMIZING RESOURCE MANAGEMENT IN CDMA2000 WIRELESS IP NETWORKS

ABSTRACT OF THE DISCLOSURE

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An invention is disclosed that optimizes resource management within a PDSN. This is accomplished through the modification of functions of a AAA server. Specifically, when a node (e.g., mobile node) is authenticated by a AAA server in response to a request by a target PDSN to which the node has roamed, the AAA
10 server may send a disconnect request message to a source PDSN indicating that the node has moved from the source PDSN. In this manner, the source PDSN is notified that it should terminate its session with the node and release resources associated with the session (e.g., PPP session). The source PDSN may then send a message to the AAA server indicating whether the session was successfully terminated (and whether
15 the resources associated with that session were released).